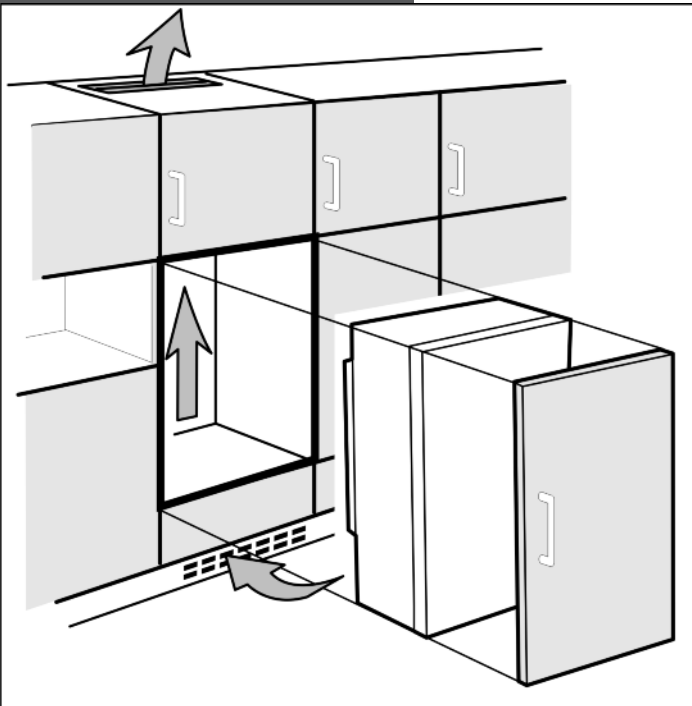


# LIEBHERR

## Installation Instructions

Refrigerators and freezers for  
integrated use, door-on-door



HRB 1110 HF 851  
041108 7084158 - 00

# General safety information

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The manufacturer is constantly working to improve all models. Therefore please understand that we reserve the right to make design, equipment and technical modifications.




To get to know all the benefits of your new appliance, please read the information contained in these instructions carefully.

The instructions apply to several models, so there may be differences. Sections which only apply to certain appliances are indicated with an asterisk (\*).

**Instructions for action are marked with a ►, the results of action are marked with a ▷.**

## 1 General safety information

Read and follow these instructions. They contain safety advice which is important for safe and problem-free installation and operation. Always read and follow the safety advice.

	DANGER	indicates a hazardous situation, which if not avoided, will result in death or serious injury.
	WARNING	indicates a hazardous situation, which if not avoided, could result in death or serious injury.
	CAUTION	indicates a hazardous situation, which if not avoided, will result in minor or moderate injury.
	NOTICE	indicates a hazardous situation, which if not avoided, could result in damage to property.

	Note	indicates useful advice and tips.
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It is important that the guidelines and instructions in this manual are followed so that the appliance is correctly installed and operates properly. Read and understand all information in this manual before the appliance is installed.

## 2 Setting up the appliance



### WARNING

Risk of fire due to moisture!

If live parts or the power cord get wet, this can cause a short circuit.

- The appliance is designed for use in enclosed spaces. Do not operate the appliance in open space or in damp areas or where there is spray.



### WARNING

Danger of fire and damage!

- Do not place devices that give off heat, e.g. microwaves, toasters, etc. on the appliance.



### CAUTION

Risk of personal injury!

- Have two people move this appliance into place.

### NOTICE

Risk of damage caused by condensation

Installing the appliance next to any other refrigerator or freezer can cause condensation or damage to the Liebherr appliance.

- Do not install this appliance next to any other refrigerator or freezer except another Liebherr model. Liebherr models are designed to allow side-by-side installation. They are equipped with a heating system to eliminate condensation when refrigerators or freezers are installed side-by-side.

### NOTICE

Risk of damage for the finished floor surface!

- Protect the finished floor surface before you uncrate the unit.

Verify that:

- ☐ the floor under the appliance is flat and level.
- ☐ the floor can support the appliance's weight plus approximately 1200 pounds (544 kg) of food weight.
- ☐ the appliance is not placed in direct sunlight or near the stove, range top, radiators and similar heat sources.
- ☐ the kitchen cabinet that the appliance is installed in is shimmed to the floor level if the floor heights are not equal.
- ☐ cutout dimensions are accurate.
- ☐ electrical outlet is in correct location.

❑ the air flow is not restricted. Air flow must be provided for the appliance to operate properly. The factory air vents provide 31 square inches (200 cm<sup>2</sup>) of air flow per appliance. If you are replacing the air vents with an overlay, the air flow must be the same or greater than the factory air vents.

- ▶ Examine the unit and packaging for shipping damage. Contact the carrier immediately if you suspect there is any damage.
- ▶ Note the type (model, number), index, appliance/serial number, date of purchase and where purchased.
- ▶ Remove anything attached to the rear or side walls of appliance that would prevent proper installation or impede proper ventilation.

If the appliance is set up in humid areas, condensation may build on the outside of the appliance.

- ▶ Always ensure proper ventilation.

## 3 Reversing the door

Make sure you have the following tools on hand:

- ❑ Phillips screwdriver
- ❑ Slot screwdriver
- ❑ • Cordless screwdriver Torx 15
- Cordless screwdriver Torx 20
- Cordless screwdriver Torx 25

Disconnect the power plug.

Open the door.

### 3.1 Detaching the soft stop mechanism

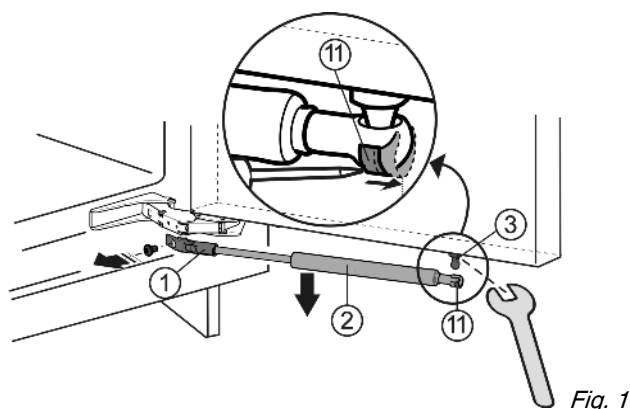


Fig. 1



#### CAUTION

Risk of injury if soft stop contracts!

- ▶ Detach with care.

- ▶ Use a screwdriver to slide the tension spring Fig. 1 (11) outwards.
- ▶ Remove the soft stop mechanism Fig. 1 (2) by pulling it downwards.
- ▶ Unscrew the retainer Fig. 1 (1).

- ▶ Unscrew the ball stud Fig. 1 (3) using an open-ended wrench.

### 3.2 To remove the door

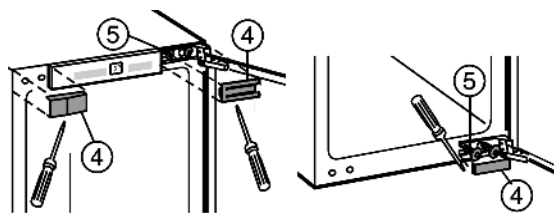


Fig. 2

- ▶ Remove the covers Fig. 2 (4).
- ▶ Just loosen the fixing screws Fig. 2 (5).
- ▶ Remove door: Push outwards, unhook and put to one side.

### 3.3 Swapping bearing parts



#### CAUTION

Hinges are spring-loaded and can cause pinching injuries!

- ▶ Leave hinges open.

- ▶ Swap the fixing screws Fig. 2 (5) on the top and bottom to the opposite side.

The screws are self-tapping. Use a cordless screwdriver:

- ▶ Unscrew Fig. 3 (9) the hinges from the door and swap them over.
- ▶ Close off the now unused holes with plugs Fig. 3 (10).

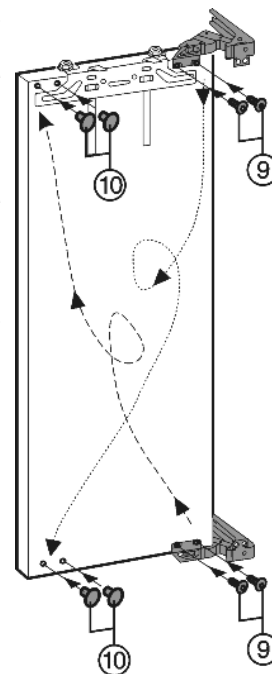


Fig. 3

### 3.4 Installing the door again

- ▶ Hang the appliance door on the pre-fitted fixing screws Fig. 2 (5).
- ▶ Tighten the fixing screws Fig. 2 (5).
- ▶ Re-attach the covers Fig. 2 (4).

## Kitchen cabinet setup

### 3.5 Re-attaching the soft stop mechanism

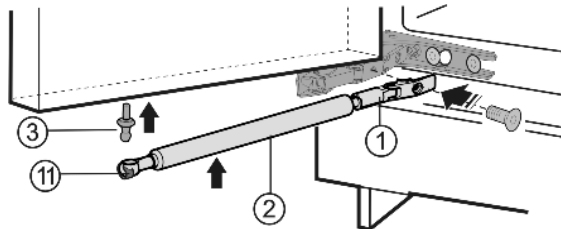


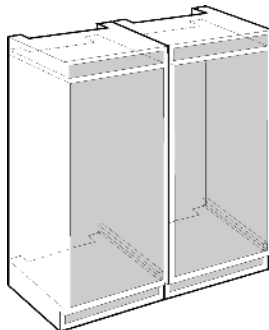
Fig. 4

- Screw the ball stud Fig. 4 (3) into the new fastening hole.
- Slide the tension spring Fig. 1 (11) inwards again.
- Screw the retainer Fig. 4 (1) on.
- Attach the soft stop mechanism Fig. 4 (2) onto the ball stud.

## 4 Kitchen cabinet setup

This is a built-in appliance and is therefore completely enclosed by a kitchen cabinet. The kitchen cabinet surrounding the appliance must be set up exactly in accordance with the specified fitting dimensions and must allow sufficient air circulation to ensure correct operation of the appliance.

With side-by-side configurations, provide a separate kitchen cabinet for each appliance.



If possible, have a professional install the appliance in your kitchen cabinet unit.

The wall of the adjacent cabinet must be at least 5/8 " (16 mm) thick.

### 4.1 Air circulation in the kitchen cabinet

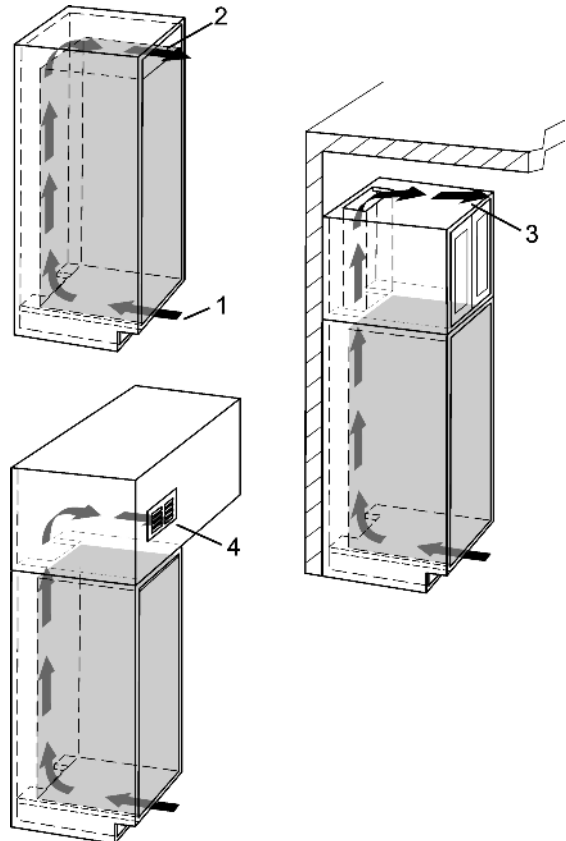


Fig. 5

- An effective ventilation cross-section of at least 31 in<sup>2</sup> (200 cm<sup>2</sup>) must be present at the air intake Fig. 5 (1) and air outlet Fig. 5 (2).
- The upper ventilation cross-section can be set up directly above the appliance Fig. 5 (2), near the ceiling above a cabinet Fig. 5 (3), or as an air vent in an intermediate ceiling Fig. 5 (4).

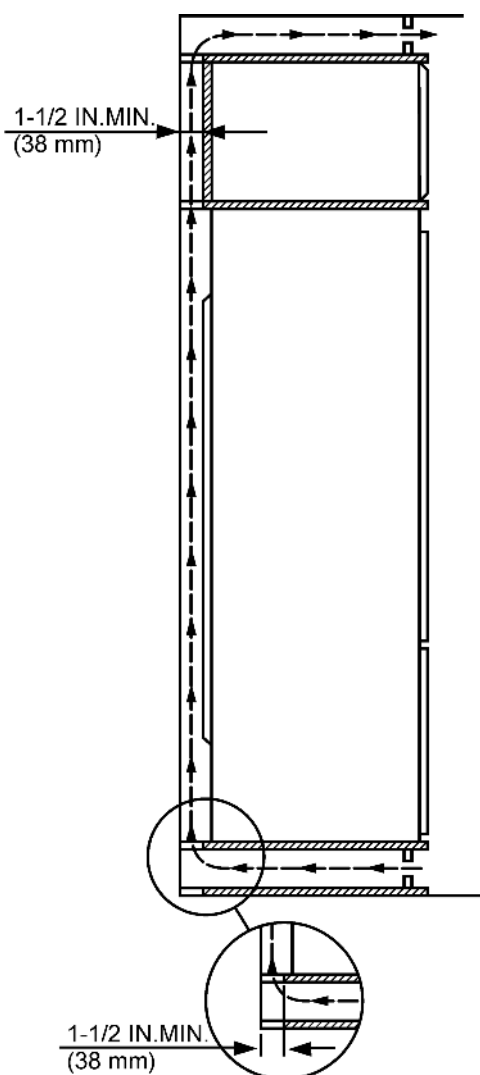


Fig. 6

- An unobstructed air way with a depth of at least 1 1/2 in. (38 mm) must be ensured at the back of the kitchen cabinet.
- The air-circulation clearances indicated above must be maintained.

The ventilation from below through the cabinet floor can be provided with the supplied ventilation grille *Fig. 7 (3)* or a ventilation opening of with a cross-sectional area of at least 31 in<sup>2</sup> (200 cm<sup>2</sup>). If you are using the supplied ventilation grille *Fig. 7 (3)*, proceed as follows:

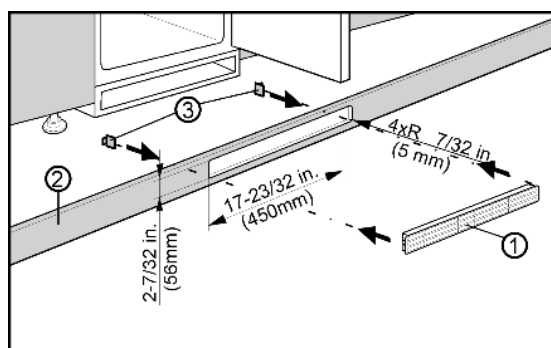


Fig. 7

- In the cabinet floor, cut a ventilation opening 17 23/32 in. (450 mm) wide and 2 7/32 in. (56 mm) high.
- Insert the ventilation grille *Fig. 7 (3)* into the cutout in the cabinet floor *Fig. 7 (1)*.
- Slide the snap connectors *Fig. 7 (2)* into the grille from behind until the hooks touch the cabinet floor.
- Fit the cabinet floor (with the ventilation grille snapped into place) into the cabinet.

### 4.2 Kitchen cabinet setup

Install the appliance in fixed cabinets only.

## Kitchen cabinet setup

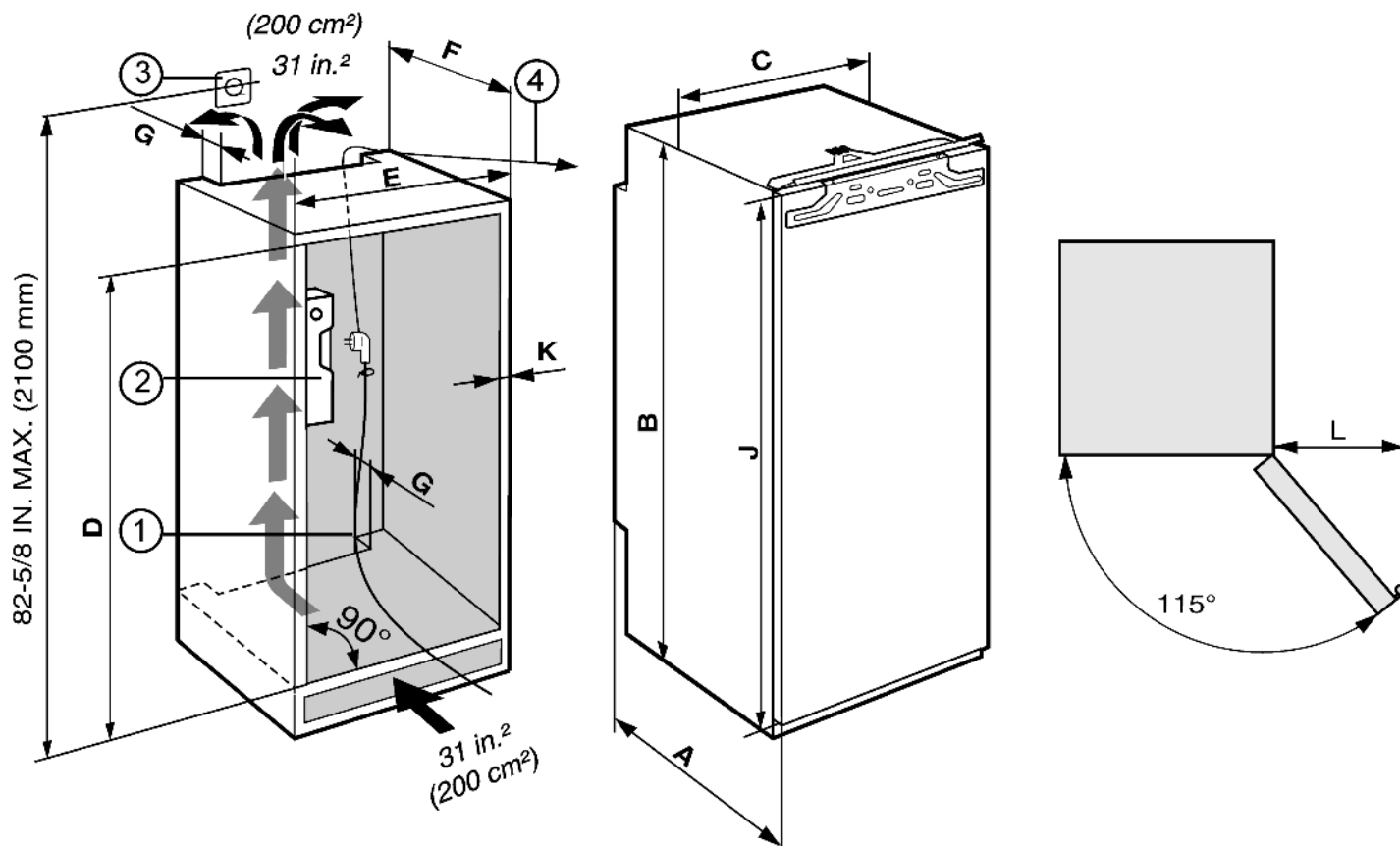


Fig. 7

- 1 Power cord  
2 Spirit level

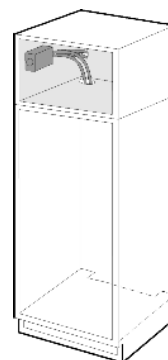
- 3 Electrical socket  
4 Pull-in cable for power cord

A	21-7/32 in. (539 mm)	B	69-21/32 in. (1769.5 mm)
C	21-15/16 in. (557 mm)	D	69-3/4 in. - 70-3/8 in. (1772 mm) - (1788 mm)
E	24 in. (609.6 mm) (U.S. dimension) 23-5/8 in. (600 mm) (European dimension)	F	21-21/32 in. (550 mm)
J	66-1/2 in. (1689.9 mm)	G	1-1/2 in. (38 mm)
L	9-21/32 in. (245 mm)	K	max. 3/4 in. (19 mm)

- Build the cabinet with the dimensions shown in Fig. 7.
  - Align the cabinet with a spirit level Fig. 7 (2) and a try square. If necessary, level the cabinet up by placing something underneath.
  - ▷ The floor and side walls must be at right angles.
- Maintain clearance L to the wall to ensure that the drawers can be pulled out without obstruction.
- Maintain the fitting dimensions shown in Fig. 7.

### 4.3 Kitchen cabinet setup for the water filter\*

The water filter module is supplied with the appliance. It should be installed near the appliance in the cabinet, for example, in the adapter cabinet above the appliance. To connect the filter to the appliance, it may be necessary to make an opening (C) in the floor of the adapter cabinet through which the hoses will be routed. The maximum length of the water hose is 98-7/16" (2.5 m). The filter cover must be installed during assembly to leave sufficient space around the filter module.



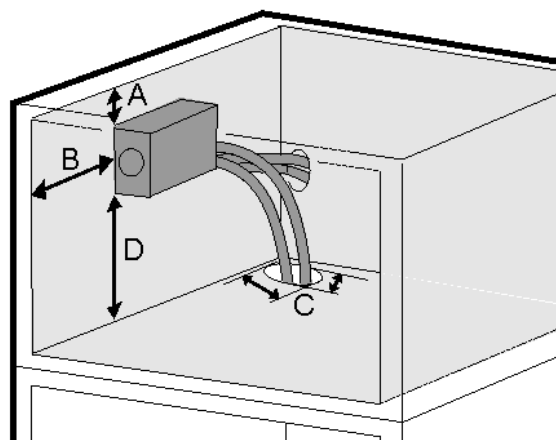


Fig. 8

(A) 13/16in (20mm)

(C) 1-3/16in. x 3/8in.  
( 30mm x 10mm )

(B) 3-15/16in (100mm)

(D) min. 4in (100mm)

► Maintain the dimensions shown in Fig. 8 so that the filter can be replaced and the cover can be removed.

► The tape on the water filter is not needed and can be cut off.

The cabinet must have a door.

This door is generally constructed as follows:

- The door must be at least 5/8 in. (16 mm) and at most 3/4 in. (19 mm) thick so that the connecting rails can be fixed on it.
  - There must be a gap Fig. 9 (1) at least 1/8 in. (3 mm) wide between the door and the cabinet door above it (if present).
  - The width of the cabinet doors depends on the kitchen style and size of the gaps between the door panels of the cabinetry. Generally, a 1/8 in. (3 mm) vertical gap between the cabinet doors is recommended.
  - The upper edge of the door Fig. 9 (2) should be level with the door of the adjacent cabinet (or cabinets), if other cabinets are present.
  - Align the door before installing the appliance. Once you have installed the appliance, you can no longer correct the door position.
- Check the fitting dimensions according to the specifications in Fig. 7.

## 4.4 Cabinet door setup

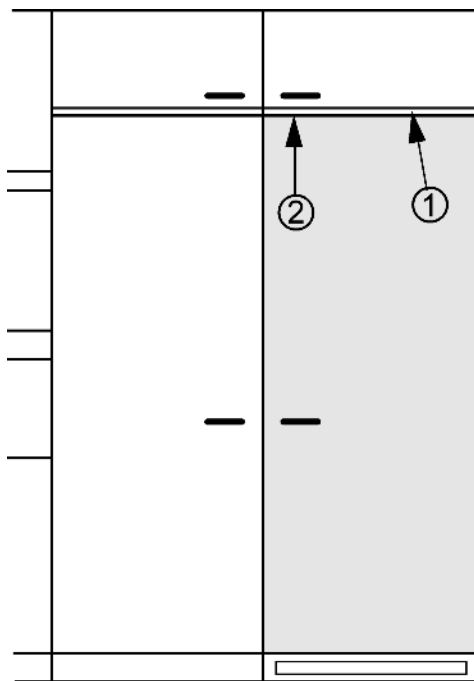


Fig. 9

## Kitchen cabinet setup

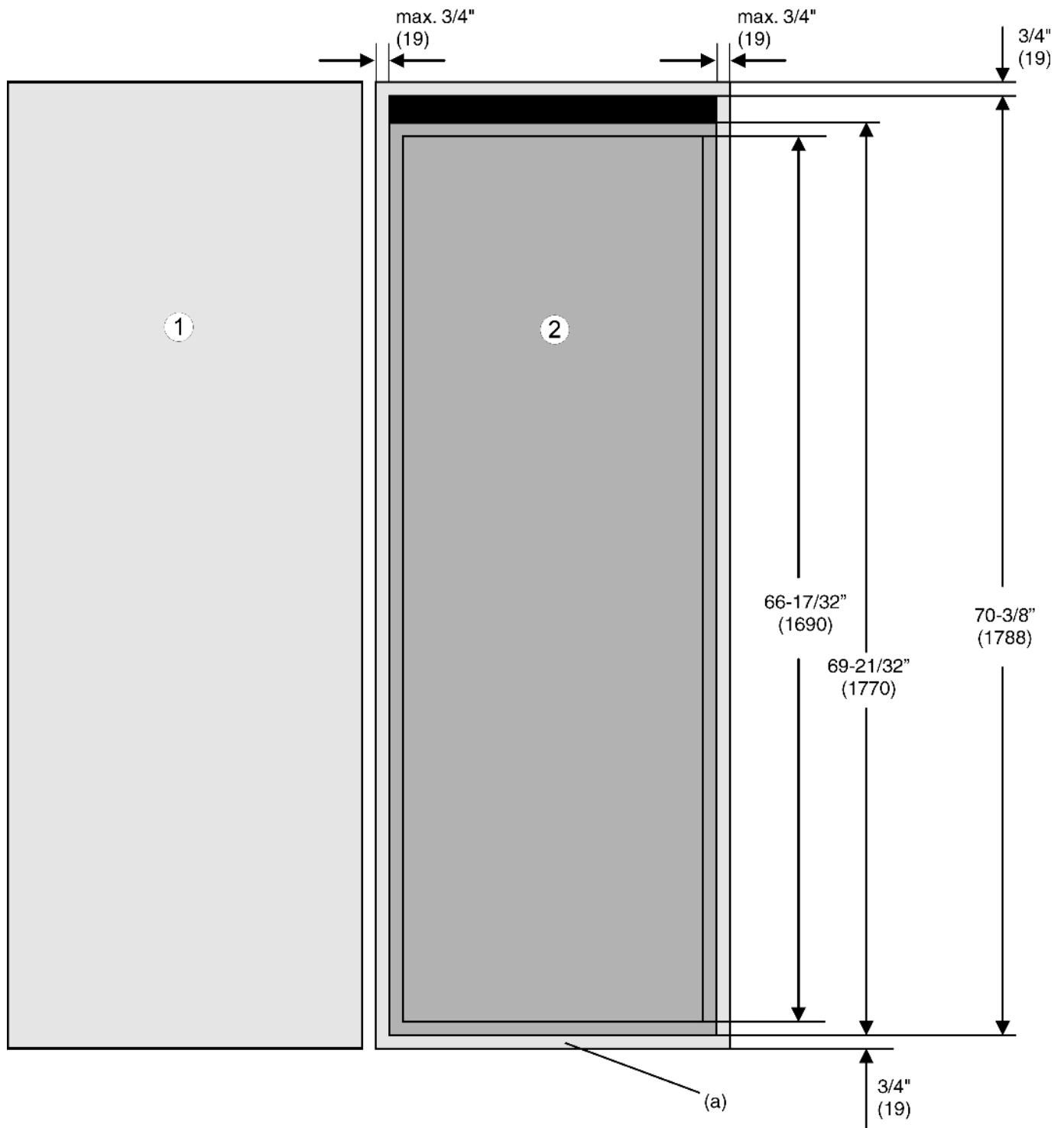


Fig. 9

1 Cabinet door

2 Appliance door

The height of the **cabinet door** is calculated as follows:

- Total cabinet height (i. e., 69- $\frac{21}{32}$  in. (1769.5 mm)) plus the thickness of the cover plate and floor plate Fig. 9 (a) (usually  $\frac{3}{4}$  in. (19 mm))/ 69- $\frac{21}{32}$  in. +  $\frac{3}{4}$  in. = 71- $\frac{5}{32}$  in. ( 1769.5 mm + 19 mm + 19 mm = 1807.5 mm )



## 5 Water supply\*



### WARNING

Electrical Shock Hazard!

- ▶ Do not make the water connection while the appliance is connected to an electrical outlet.
- ▶ Disconnect the water supply before connecting the water lines for the IceMaker.
- ▶ The connection to the water supply may only be made by a trained and licensed plumber.



### WARNING

Poisoning Hazard!

- ▶ The water quality must comply with the drinking water regulations for the geographical area where the appliance is located.
- ▶ The IceMaker is designed exclusively to make ice cubes in quantities needed by a household and must only be operated with water appropriate for this purpose.

#### Water pressure:

bar	psi	MPa
1.5 to 6	21.76 to 87.02	0,15 to 0,6

- Water must be supplied to the appliance by means of a cold-water pipe that can withstand the operating pressure and conforms to hygiene regulations.
- A shut-off valve must be provided between the hose line and the domestic water supply to turn off the water supply, if necessary.
- All devices and fixtures used to supply water must comply with the regulations in force in the respective country.
- Do not damage or bend the water supply pipe during installation.
- The solenoid valve is located on the back of the appliance at the bottom. It has a European Metric R $\frac{3}{4}$  male connection. Do not use Garden Hose Threaded fittings on the solenoid valve - they will leak.
- ▶ Open the shut-off valve of the water supply pipe and check the entire water system to ensure there are no leaks.  
Before initial operation:
- ▶ Have a competent fitter bleed all air from the water supply pipe. IceMaker will not function if there is air in the water supply line.



### NOTICE

Malfunction of the water intake!

If the water intake is shut off during operation but the IceMaker remains in operation, the water intake pipe may ice up.

- ▶ Switch off the IceMaker if the water supply is interrupted (e.g. holiday).

## 6 Installation

All fasteners are supplied with the appliance.

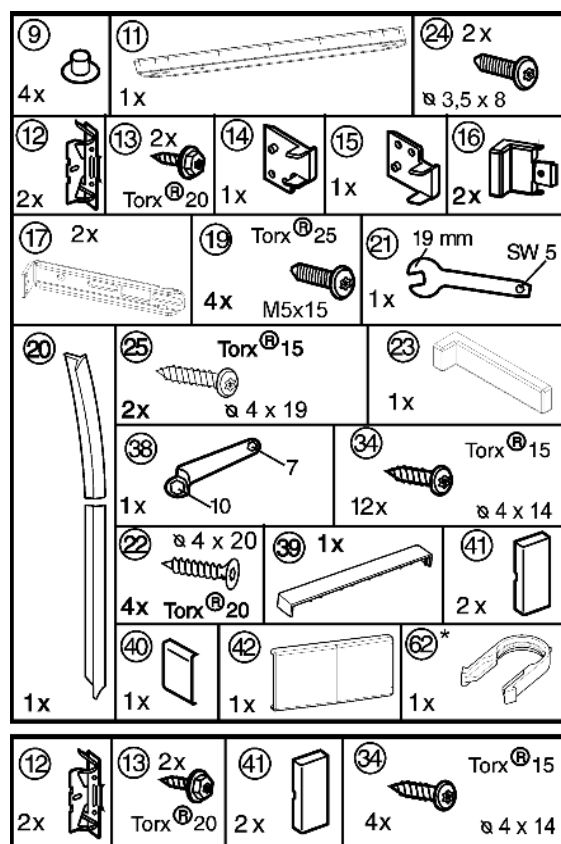


Fig. 10

Make sure you have the following tools on hand:

- Cordless screwdriver Torx® 15, 20, 25
- Hex wrench 13
- Phillips screwdriver

The floor and side walls of the unit must be at right angles to one another. Make the unit level using a spirit level and set square. If necessary, level up by placing something underneath.

The appliance can also be built into a normal kitchen cabinet. In this case detach the fittings of the unit door and the recess. They are no longer needed as the unit door is fitted to the appliance door.

### Note

- ▶ Before assembling the unit door, make sure that the permitted weight for the unit doors is not exceeded.
- ▶ Otherwise damage to the hinges and malfunctions arising from this cannot be ruled out.

Model	Maximum weight of unit door
IKB 3650	39.68 lbs (18 kg)
IGN 2566	44.09 lbs (20 kg)

# Installation

## 6.1 Assembling the appliance

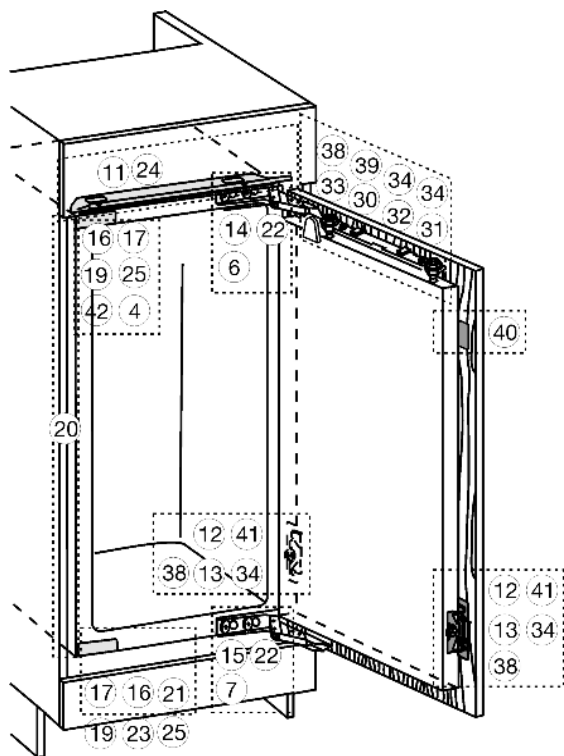


Fig. 11

**Unit depth less than 21 3/4 in. (553 mm)** Detach the spacers from the rear of the appliance so that you can slide the appliance completely into the recess. Removing the spacers may cause the appliance to use more energy, as this reduces the ventilation cross-section.

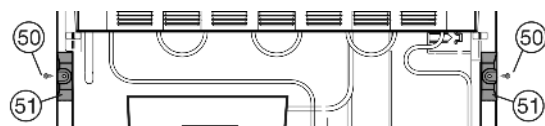


Fig. 12

► Undo the screw Fig. 12 (50) and detach the spacer Fig. 12 (51).

### All appliances:

- Remove the power cord from the back of the appliance. Also remove the cable holder, otherwise there will be vibration noise!
- Position the power cord using a piece of string so that the appliance can easily be connected to the electricity supply after it has been built-in.

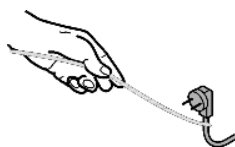


Fig. 13

### For appliances with a water filter:\*

- Remove the connector Fig. 14 (52) from the hose ends: Press the dark gray clip Fig. 14 (53) into the connector while at the same time pulling out the hose Fig. 14 (54).\*

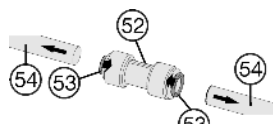


Fig. 14\*

- Connect the supplied extension hoses to the appliance hoses: Slide the appliance hoses into the connectors as far as they will go (approx. 21/32 " (17 mm)).\*
- Position the hoses using a piece of string so that they can be connected to the water filter later (see 4.3).\*



### Appliances with a plumbed-in connection for the IceMaker:

- Connect the IceMaker.\*

### All appliances:

- Push the appliance 3/4 of the way into the recess.
- Remove covers Fig. 11 (4, 6, 7).
- Screw Fig. 15 (11) the equalizer trim Fig. 15 (24) onto the top of the appliance through the oblong holes.

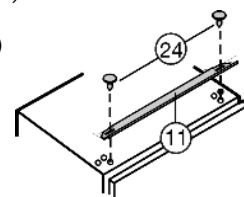


Fig. 15

- Fasten a pair of mounting brackets Fig. 16 (12) into the pre-bored holes in the appliance door with a hex head screw Fig. 16 (13).

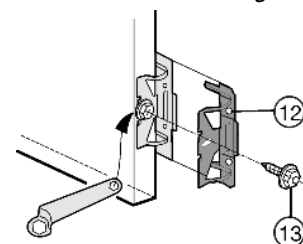
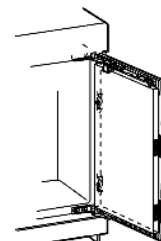


Fig. 16

### For large or divided unit doors:

- Fit a 2nd pair of mounting brackets Fig. 28 (12).
- Use the holes pre-drilled in handle area of the appliance door for this purpose.



### With 5/8 " (16 mm) thick unit walls:

- Clip spacer Fig. 17 (14) and spacer Fig. 11 (15) onto the hinge.

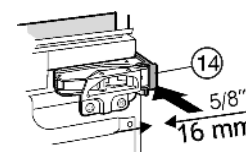


Fig. 17

- Place the covers Fig. 18 (16) top and bottom onto the mounting brackets Fig. 18 (17).
- Fasten the mounting brackets Fig. 18 (17) on top with screws Fig. 18 (19) and on the bottom with Screws Fig. 11 (19) such that the bracket still has a slight bit of play to the left and right.

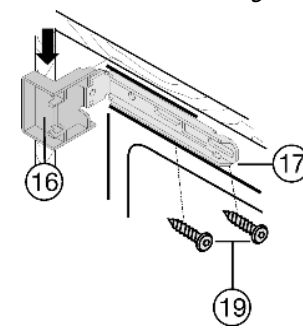


Fig. 18

- ▶ Remove the protective film from the trim *Fig. 19* (20).
- ▶ Place the trim *Fig. 19* (20) on the flange of the cover *Fig. 18* (16), on the handle side and flush with the front, and adhesively affix it to the side wall of the appliance.
- ▶ If necessary, shorten the trim *Fig. 19* (20) at the bottom: The trim *Fig. 19* (20) must end 1/8 " (3 mm) above the upper edge of the bottom mounting bracket *Fig. 11* (17).

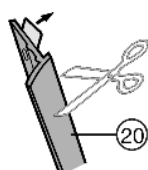


Fig. 19

## Insert and align appliance:

- ▶ Slide the appliance in until it contacts *Fig. 18* (16) the covers *Fig. 18* on the side wall of the unit.

### With 5/8 " (16 mm) thick unit walls:

- ▶ Slide the appliance into the recess until it touches the spacers on the side wall of the unit.

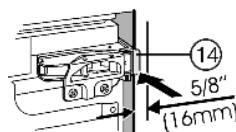


Fig. 20

### With 3/4 " (19 mm) thick unit walls:

- ▶ Align the front edges of the hinges flush with the side wall of the unit.

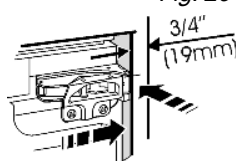


Fig. 21

### Units (5/8 " (16 mm) and 3/4 " (19 mm)) with door stop components (knobs, sealing lips, etc.):

- ▶ Note the additional space needed (for depth of door stop components): Allow the hinges and covers *Fig. 18* (16) to protrude by the additional distance.

## All appliances:

- ▶ Adjust the adjustable feet with the supplied open-ended wrench *Fig. 11* (21) to align the appliance vertically.
- ▶ The appliance is now positioned correctly depthwise. The distance between the front edge of the unit side wall and the appliance itself is 42 mm all around. (Note the additional space needed for door stop components such as knobs and sealing lips.)

## Note

Malfunction due to incorrect assembly!

If the spacing is not observed, the appliance door may not seal completely. This can cause icing up, the formation of condensate, and malfunctions.

- ▶ A continuous space of 1-21/32 " (42 mm) must be maintained. (Note the additional space needed for door stop components such as knobs and sealing lips.)

## To secure the appliance in the recess:

- ▶ Screw long chipboard screws *Fig. 22* (22) at the top and at the bottom through the hinge plates. Take care that screws will not protrude from an exposed end cabinet wall.

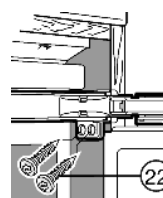


Fig. 22

## On the top handle side:

- ▶ Loosen the screws *Fig. 23* (19) slightly.
- ▶ Secure the top mounting bracket *Fig. 23* (17) with a ø4x19 chipboard screw *Fig. 23* (25) to the unit wall.
- ▶ Break off the protruding end of the cover *Fig. 23* (16).
- ▶ Tighten the screws *Fig. 23* (19).
- ▶ Place cover *Fig. 23* (16) in position.

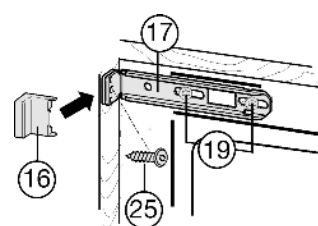


Fig. 23

## On the bottom handle side:

- ▶ Loosen the screws *Fig. 24* (19) slightly.
- ▶ Secure the bottom mounting bracket *Fig. 24* (17) with a ø4x19 chipboard screw *Fig. 24* (25) to the unit wall.
- ▶ Break off the protruding end of the cover *Fig. 24* (16).
- ▶ Tighten the screws *Fig. 24* (19).
- ▶ Place the cover *Fig. 24* (23) onto the bottom mounting bracket *Fig. 24* (17).

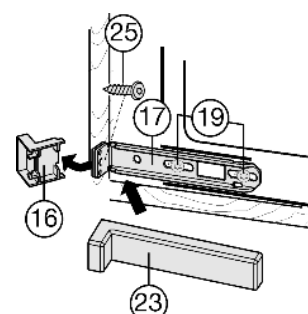


Fig. 24

- ▶ Slide the equalizer trim *Fig. 15* (11) toward the handle side as far as it will go.
- ▶ Close the appliance door.

## 6.2 Fitting the unit doors

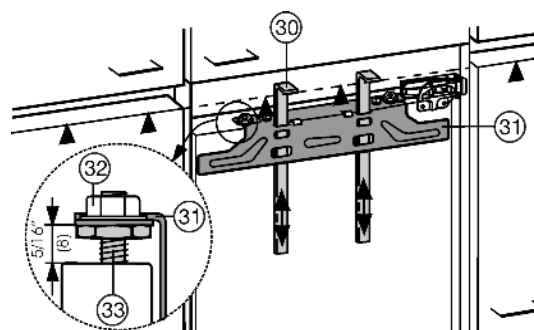


Fig. 25

# Installation

- ▶ Check 5/16 " (8 mm) presetting (distance between appliance door and lower edge of crosspiece).
- ▶ Raise the fitting aids *Fig. 25 (30)* to the unit door height. Bottom stop angle ▲ of fitting aid = upper edge of the unit door to be fitted.
- ▶ Unscrew the crosspiece *Fig. 26 (31)* by undoing the locknuts *Fig. 25 (32)*.

- ▶ Hang the crosspiece *Fig. 26 (31)* on the inside of the unit door using the fitting aids *Fig. 26 (30)*.

**With a 23-5/8 " (600 mm) wide cabinet:**

- ▶ To center the crosspiece *Fig. 26 (31)*: Mark a short center line on the unit door and put the tip of the arrow on the crosspiece on it.
- ▶ Distances to the outer edges are the same to the right and to the left.

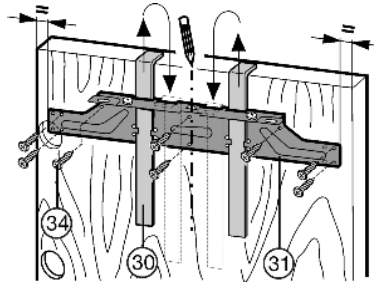


Fig. 26

**With a 24 " (609.6 mm) wide cabinet:**

- ▶ To align the crosspiece *Fig. 26 (31)*: Mark a short center line on the unit door and put the tip of the arrow on the crosspiece on it. Then slide the crosspiece *Fig. 26 (31)* 3/16 in. (5.5 mm) toward the hinge side.

**For chipboard doors:**

- ▶ Secure the crosspiece *Fig. 26 (31)* with at least 6 screws *Fig. 26 (34)*.

**For frame and panel doors:**

- ▶ Secure the crosspiece *Fig. 26 (31)* with 4 screws *Fig. 26 (34)* at the edge.
- ▶ Lift up the fitting aids *Fig. 26 (30)*, turn around and insert into the adjacent openings.

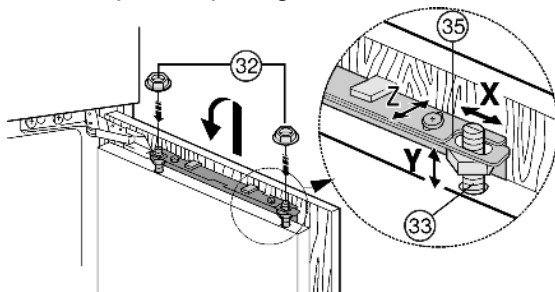


Fig. 27

- ▶ Attach the unit door on the adjusting bolts *Fig. 27 (33)* and loosely screw the locknuts *Fig. 27 (32)* onto the adjusting bolts.
- ▶ Close the door.
- ▶ Check the gap between the door and the surrounding unit doors.
- ▶ To laterally align the unit door: Move the unit door in the X direction.
- ▶ To align the unit door in the Y direction (height) and in lateral inclination: Adjust the adjusting bolts *Fig. 27 (33)* with a screwdriver.
- ▶ The unit door is flush and in alignment with the surrounding unit fronts.
- ▶ Tighten the locknuts *Fig. 27 (32)*.

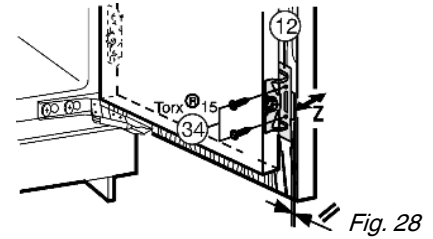


Fig. 28

Ensure that both metal edges are flush, symbol //:

- ▶ Drill pilot holes in the door of the unit taking care not to go all the way through the panel (you could make a preliminary hole with a bradawl).
- ▶ Screw the appliance door to the unit door with screws *Fig. 28 (34)* through the mounting brackets *Fig. 28 (12)*.

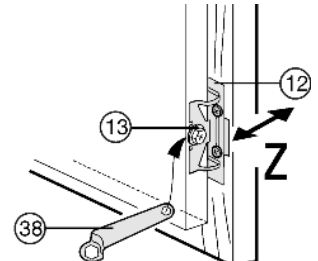
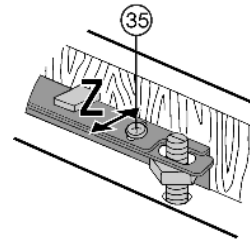


Fig. 29

- ▶ To align the unit door in depth Z: Undo top screws *Fig. 29 (35)*, bottom hex head screws *Fig. 29 (13)*, then move the door.
- ▶ Do not allow the knobs and sealing lips to contact the door - important for functioning!
- ▶ Set an air gap of 3/32 " (2 mm) between the door of the unit and the body of the unit.

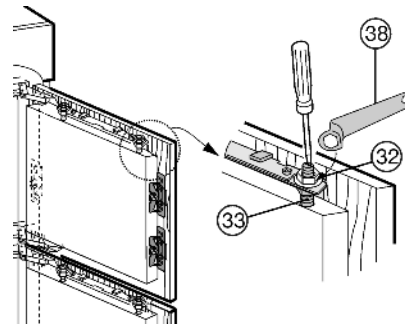
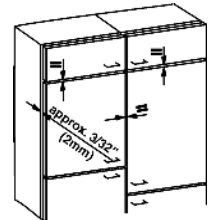


Fig. 30

- ▶ Check the fit of the door and re-adjust, if necessary.
- ▶ Tighten all screws.
- ▶ Tighten the locknuts *Fig. 30 (32)* with the ring wrench *Fig. 30 (38)*, while counter-holding the adjusting bolts *Fig. 30 (33)* with a screwdriver.

- ▶ Position the upper cover *Fig. 31 (39)* and snap into place.
- ▶ Place the lateral cover *Fig. 31 (40)* in position, slide to the limit and then press until it snaps audibly into place.
- ▶ Attach covers *Fig. 31 (41)* to the side and then draw them forward with a screwdriver, so that they snap properly into place.

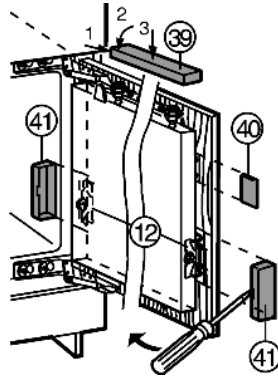


Fig. 31

## With a 24 " (609.6 mm) wide recess:

- ▶ Position the covers *Fig. 11 (6,7,42)* and snap them into place.

## With a 23-5/8 " (600 mm) wide recess:

- ▶ Position the covers *Fig. 11 (4,6,7)* and snap them into place.

Check the following points to make sure the appliance is installed correctly. Otherwise, icing up, the formation of condensate, and malfunctions can occur.

- ▷ The door must close properly.
- ▷ The unit door must not touch the body of the unit.
- ▷ The seal on the upper corner on the handle side must be fitted securely. To verify this, darken the room, place a flashlight in top part of the appliance, and close the door. If you see light shining out, check the assembly.

## 7 Installing the water filter\*

The water filter guarantees optimal water quality and should be installed the first time you use the appliance.

Alternatively, the appliance can also be operated without the water filter.

Flow rate	0.5 gpm (1.89 lpm)
Water connection	Public or private source
Water pressure	40 psi - 90 psi ( 2.8 bar - 6.2 bar/ 0.28 MPa - 0.62 MPa )
Water temperature	33 °F - 100 °F ( 0.6 °C - 37 °C )
Capacity	500 gal. (1893 l)



### WARNING

Consuming contaminants can be harmful to your health!

- ▶ If there is a chance the water may contain harmful bacteria or if the water quality is unknown, do not use this system without appropriate disinfection measures upstream or downstream of the system.

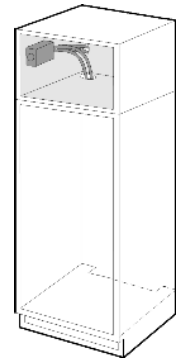
### NOTICE

Leakage water may damage the system!

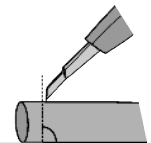
- ▶ Do not install this system on hot water lines. The maximum operating temperature of the water in this system is 100 °F (37.7 °C).
- ▶ This system **MUST** be installed and used in compliance with federal and local installation regulations.
- ▶ Do not install under water hammer conditions. A water hammer arrestor must be used to prevent water hammering. If you are unsure how to check these conditions, consult a professional installer.
- ▶ Do not install with a water pressure greater than 90 psi (6.2 bar). If your water pressure exceeds 80 psi, install a pressure limiting valve. If you are unsure how to check the water pressure, consult a professional installer.
- ▶ Protect against frost; if temperatures below 33 °F (0.6 °C) are expected, remove the filter.
- ▶ When used as indicated, the disposable filter cartridges must be replaced every 6 months or whenever you notice a considerable decrease in the flow rate.

Make sure that the following conditions are fulfilled:

- ☐ The hoses have been positioned such that they can now be connected to the filter.
- ☐ The installation position has been selected according to the instructions (see 4.3) .
- ☐ The connectors have been removed from the hose ends.

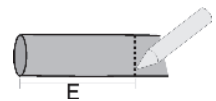


- ▶ Hoses have been shortened, if necessary (cut at 90° angle to the direction of the hose).



When doing so, make sure the hoses do not become kinked and the cross-section of the hose remains round.

- ▶ On the thin hose, measure the insertion depth (E) of 21/32 " (17 mm) and mark it.
- ▶ On the thick hose, measure the insertion depth (E) of 25/32 " (20 mm) and mark it.



- ▶ Insert the hoses *Fig. 32 (1)* all the way into the water filter module (i.e., up the the mark you made), past the point of resistance.

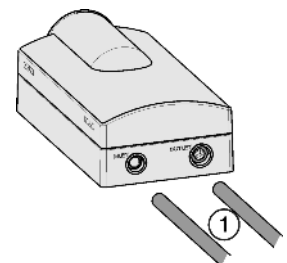


Fig. 32



## Connecting the appliance

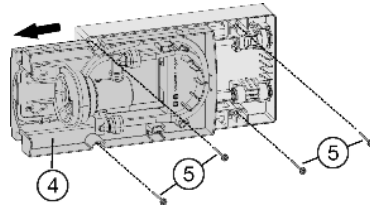
### Note

- ▶ In case of disassembly: Press back the dark grey ring on the plug-in elbow and pull out the hose at the same time.

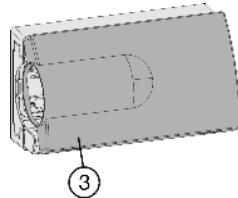
- ▶ Pull the tray *Fig. 33* (4) out until it catches.

- ▶ Secure the module with 4 screws *Fig. 33* (5) through the recesses in the front and directly through the module in the back.

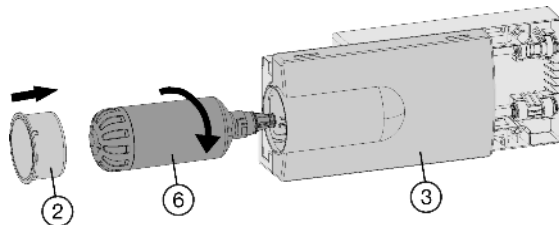
- ▶ Place the tray cover *Fig. 35* (3) in position.



*Fig. 33*



*Fig. 34*



*Fig. 35*

- ▶ Insert the water filter *Fig. 35* (6) and turn it approximately 100° to the right until it locks into position.
- ▶ Place the cover *Fig. 35* (2) on the filter.
- ▶ Slide the tray in.
- ▶ Write the date of the next filter replacement on the supplied adhesive label and affix it to the module.
- ▶ Make sure the filter is leak-tight and no water is coming out.

### Note

New water filters may contain particulate matter and must be rinsed through before use.

- ▶ To achieve this, do not consume or use the ice cubes that are produced within 72 hours after the filter is replaced.

- ▷ The water filter is now ready for use.

## 8 Connecting the appliance



### WARNING

Electrical shock hazard!

- ▶ Start-up should only take place once the appliance has been installed according to these instructions.
- ▶ Electrically ground appliance.
- ▶ Do not ground to a gas pipe.
- ▶ Check with a qualified electrician if you are not sure the appliance is properly grounded.
- ▶ Do not have a fuse in the neutral or grounding circuit.
- ▶ Do not use an extension cord, power bar or a multiple socket adapter.
- ▶ Do not use a power cord that is frayed or damaged.



### WARNING

Electrical shock hazard!

This appliance is equipped with a three-prong (grounding) polarized plug for your protection against possible shock hazards. Electrical Grounding Required.

- ▶ Do not remove the round grounding prong from the plug.
- ▶ Do not use a two-prong grounding adapter.

- Wait 30 minutes up to 1 hour after installation before you plug in the appliance. This allows the refrigerant and system lubrication to reach equilibrium.
- Make sure incoming voltage is the same as the appliance rating. A 110-120 Volt, 60 Hz, 15 Amp electrical supply (20 Amp for side-by-side installations) circuit that is controlled by a circuit breaker or fuse is required.
- We recommend using a dedicated circuit for this appliance to prevent electrical overload.
- Follow all Federal, State and local electrical, fire and building codes and ordinances when installing the receptacle and / or the appliance.
- In some communities, a wall switch is required to turn power to the appliance ON and OFF.
- To reduce the risk of fire, electric shock, or personal injury, installation work and electrical wiring must be done by a qualified electrician in accordance with all applicable codes and standards, including fire-rated construction.
- You are advised to clean the appliance before switching it on the first time .
- The top of the electric outlet must be located within 82-5/8 in. (2100 mm) from the top of the base in the cabinet.